

Total Lunar Eclipse of 1996 Sep 27

Ecliptic Conjunction = 02:51:48.2 TD (= 02:50:46.1 UT)

Greatest Eclipse = 02:55:24.4 TD (= 02:54:22.3 UT)

Penumbral Magnitude = 2.2188

P. Radius = 1.2752°

Gamma = 0.3426

Umbral Magnitude = 1.2395

U. Radius = 0.7432°

Axis = 0.3415°

Saros Series = 127

Member = 41 of 72

Sun at Greatest Eclipse (Geocentric Coordinates)

R.A. = 12h15m43.1s

Dec. = -01°42'06.4"

S.D. = 00°15'57.5"

H.P. = 00°00'08.8"

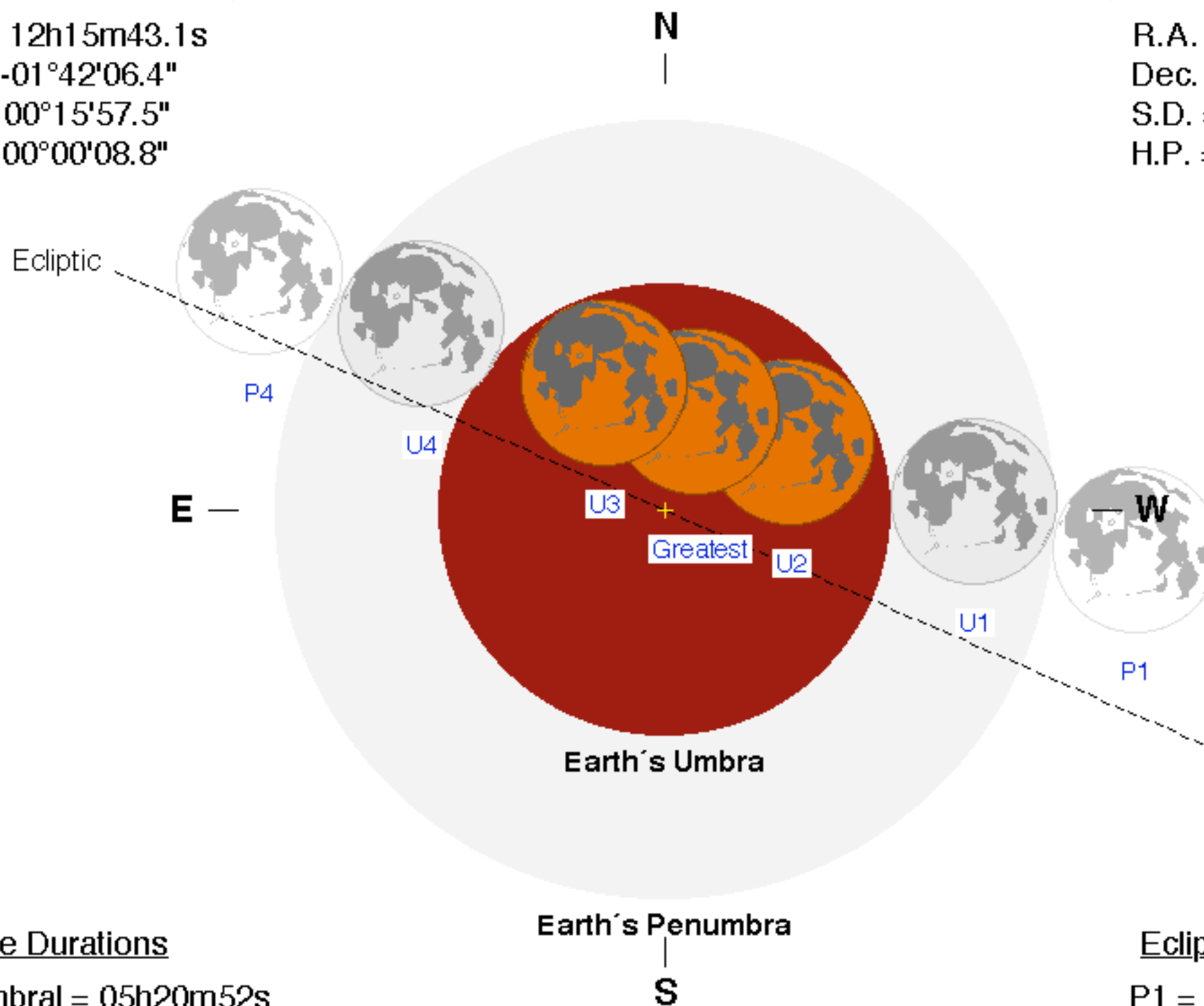
Moon at Greatest Eclipse (Geocentric Coordinates)

R.A. = 00h15m18.1s

Dec. = +02°01'37.4"

S.D. = 00°16'17.7"

H.P. = 00°59'48.4"



Eclipse Durations

Penumbral = 05h20m52s

Umbral = 03h23m17s

Total = 01h09m12s

$\Delta T = 62$ s

Rule = CdT (Danjon)

Eph. = VSOP87/ELP2000-85

Eclipse Contacts

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P1 = 00:13:59 UT

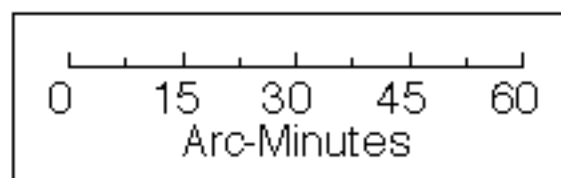
U1 = 01:12:43 UT

U2 = 02:19:46 UT

U3 = 03:28:57 UT

U4 = 04:35:59 UT

P4 = 05:34:51 UT



F. Espenak, NASA's GSFC

eclipse.gsfc.nasa.gov/eclipse.html

